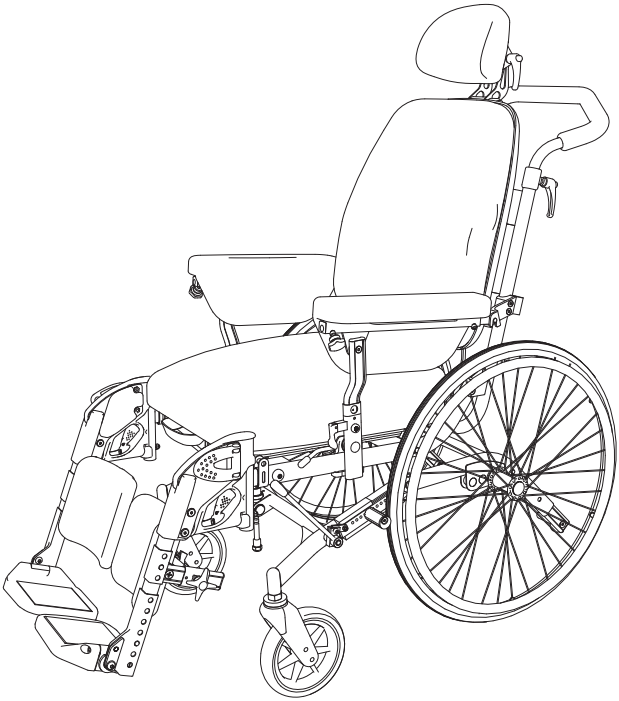
USER MANUAL

EN

CIRRUS 4



handicare

MB3170-EN-C

Introduction

Congratulations on your choice of new wheelchair.

Quality and functionality are the key concepts for all the wheelchairs in the Handicare range.

For your own safety, and in order for you to get the best possible benefit from the features of your new wheelchair, we recommend that you read this user manual carefully before you start to use the wheelchair.

Cirrus 4 in brief

Cirrus 4 was developed with special consideration for the fact that users have different needs and wishes, whether the chair is to be used simply as a comfort wheelchair or will be driven by the user. As the seat height is adjustable, it is also very suitable for people who use one or both legs to propel the chair forward. The wheelchair can be dismantled, and features removable leg supports and a collapsible backrest which make it easy to transport. Good rolling characteristics are combined with a safe and reliable chair. The design is anatomically correct, so that it is comfortable to sit in. The chair is virtually maintenance-free.

This user manual is for Cirrus 4

with serial number: . . . . . .

The wheelchair was inspected and approved

on:. . . . . .

by:. . . . . .

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Wheelchair parts

In order to be able to properly understand this manual, it is important that you are aware of the commonest terms used to describe the various parts of the wheelchair. Examine the drawings below and on the following page, and note the relevant parts on your wheelchair.
The equipment on your wheelchair may vary slightly from that shown in Figures 1 and 2. If Cirrus 4 has been set up as a helper-guided chair, it is equipped with different wheel sizes, as well as a brake lever for the assistant on the pushing handle.

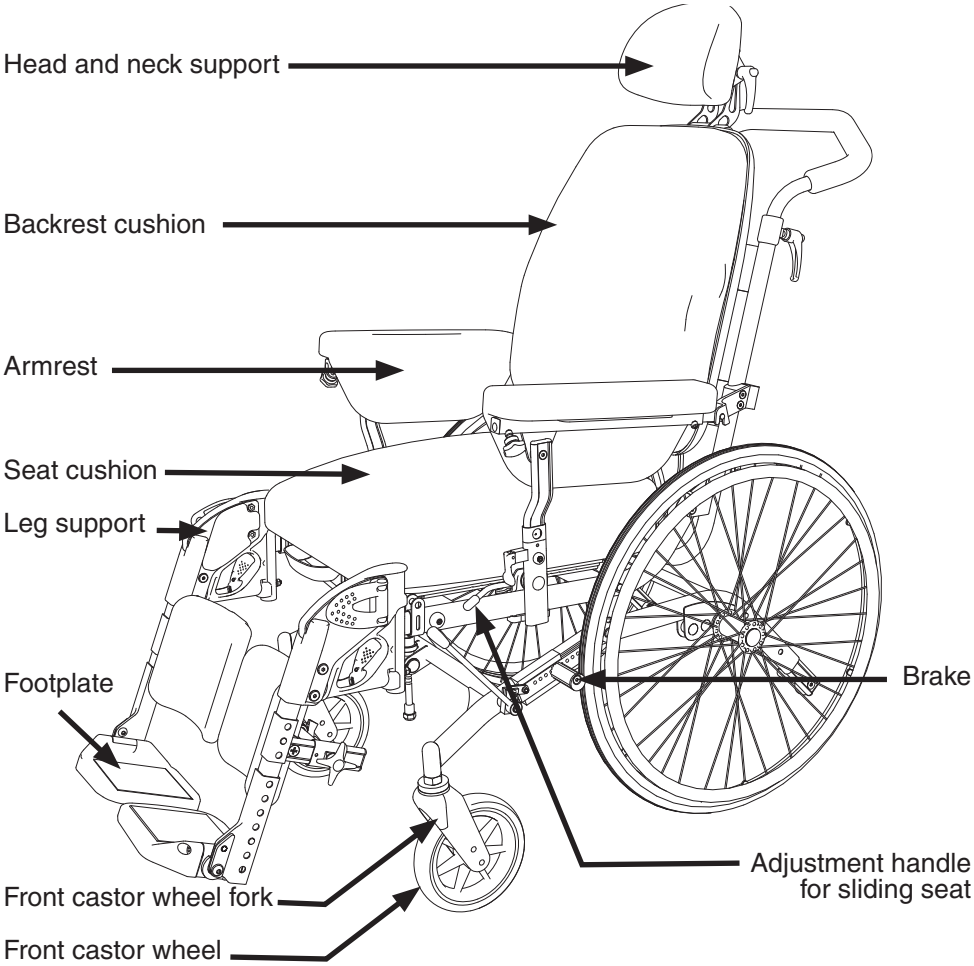


Figure 1

Wheelchair parts

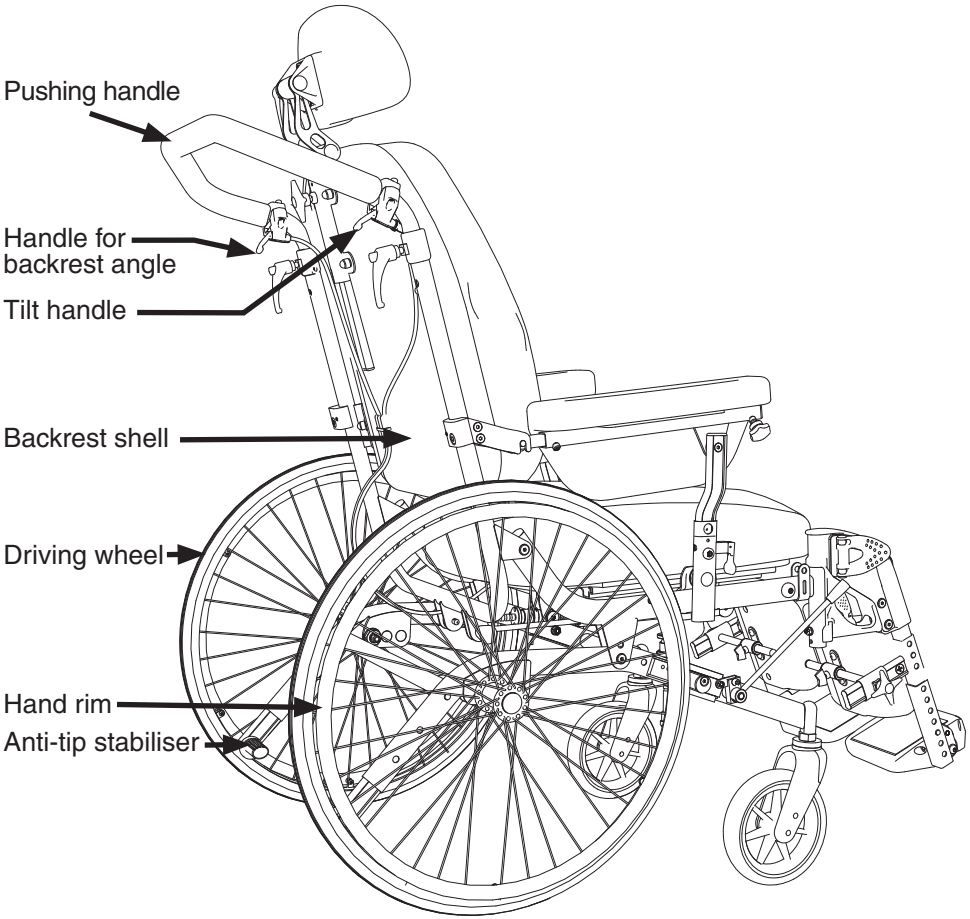


Figure 2

Assembly

As standard the wheelchair is supplied fully assembled.
The only things you need to do are:

- Raise the backrest
- Fit the armrests
- Fit the leg supports

Raise the backrest *Figures 3, 4 and 5*

- Pull out the bolt (3A)
- Locate the wires between the brackets as shown in Figure 4. Place the bar for the adjustment mechanism into the bracket and replace the bolt
- Pull out the bolt (4A). Place the bar for the pneumatic spring into the bracket and replace the bolt, as shown in Figure 5
- You can now raise the backrest to the desired position. See page 9 for details of how to adjust the sitting position by changing the backrest angle and tilt

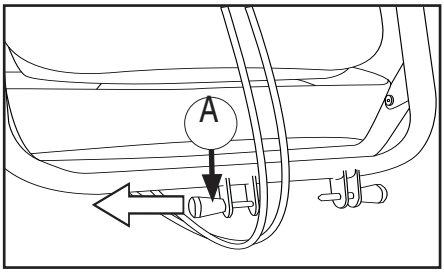


Figure 3

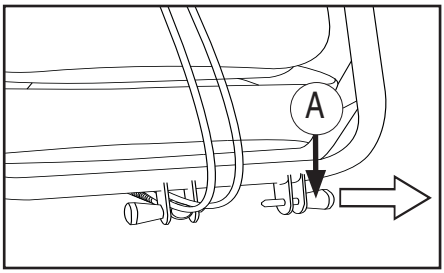


Figure 4

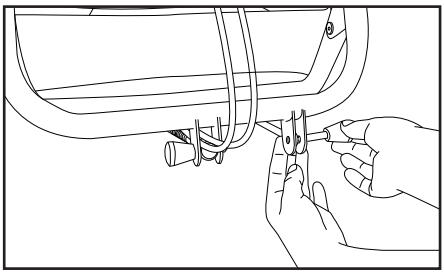


Figure 5

Fitting the armrests

- Fit the armrest as shown in Figure 6. If the locking pin (6A) does not lock properly, move the back armrest fixing (6B) inwards or outwards until the locking pin goes into the locked position.
- Push down the locking handle (6C)

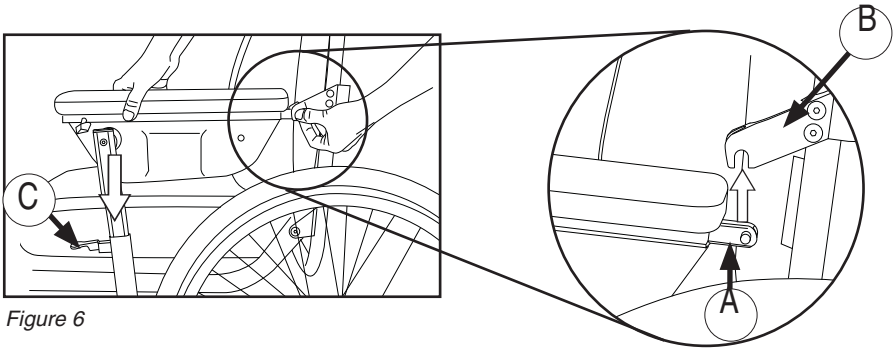


Figure 6

Quick-release hub *Figure 7*

The wheelchair has quick-release hubs on the driving wheels. Press the button in the middle of the driving wheel to remove or locate the driving wheel.

NB!
Check that the wheel is properly fastened. You can do this by making sure that the button pops out about 5 mm when the wheel bolt is completely in the casing.

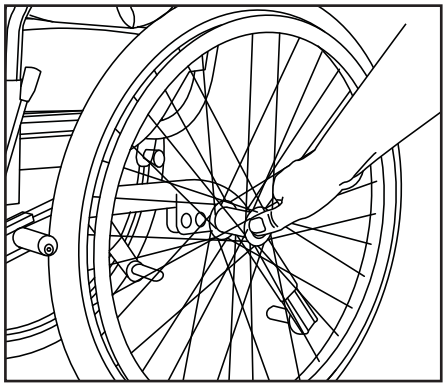


Figure 7

Height-adjustable pushing handle *Figure 8*

The pushing handle can be adjusted by loosening the locking handles (8A) at the same time as pulling the pushing handle upwards or pushing it downwards to the desired height. Re-tighten the locking handle.
For extra safety, the pushing handle is equipped with a snap lock in the topmost position. To remove the pushing handle, pull the pushing handle to the highest position then squeeze in the snap lock (8B).

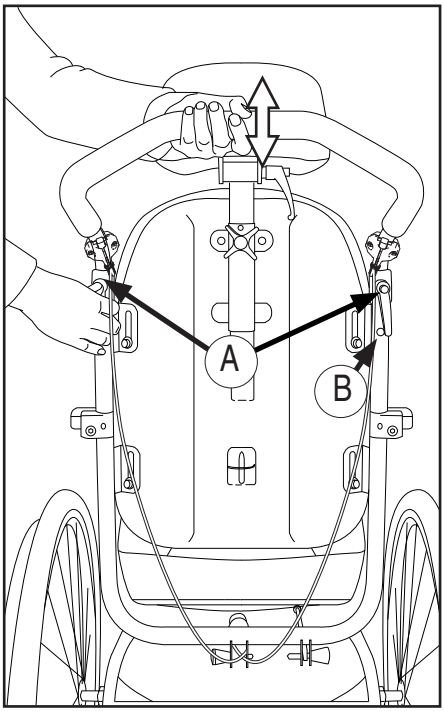


Figure 8

Changing the sitting position by adjusting the backrest and seat angle *Figures 9, 10 and 11*

- Adjust the backrest angle with the left adjustment lever (9A) (see Figure 10)
- Tilt the chair with the right adjustment lever (9B) (see Figure 11)

For safe adjustment of the sitting position the assistant should grip firmly on the pushing handle with one hand, and operate the adjustment levers with the other hand.

An extra adjustment lever for user-operated adjustment of the backrest angle is available as an accessory.

⚠ The chair might be unstable when the backrest and the seat are angled in the backmost position.
The anti-tip stabiliser should be used when the sitting position is leaning backwards.

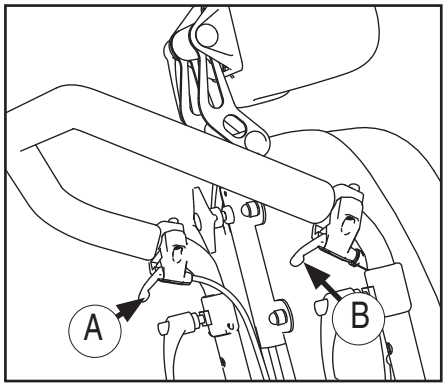
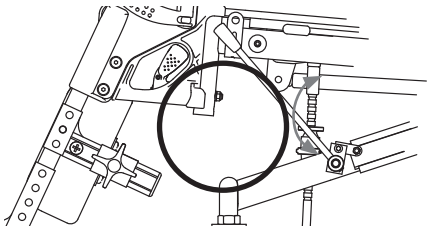


Figure 9



⚠ Danger! Ensure that hands and other body parts are not squashed when tilting the chair

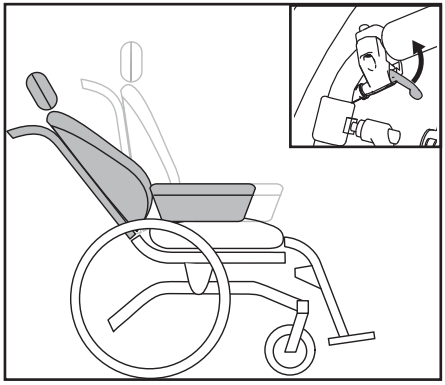


Figure 10

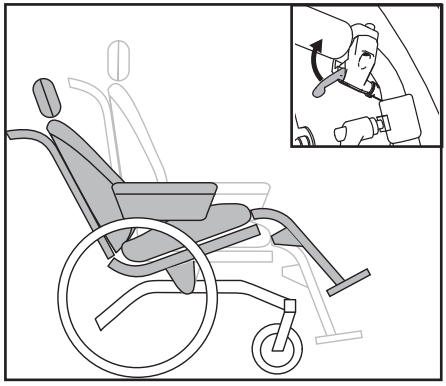


Figure 11

Sliding seat *Figure 12*

Use the sliding seat function to adjust the seat depth and to move the seat further forward when transferring the user.

- Put the seat in a horizontal position
- Push the handle (12A) backwards at the same time as taking hold of the strap (12B) and pushing or pulling the seat to the desired position

Pull the sliding seat to the fully-forward position when transferring into and out of the chair.

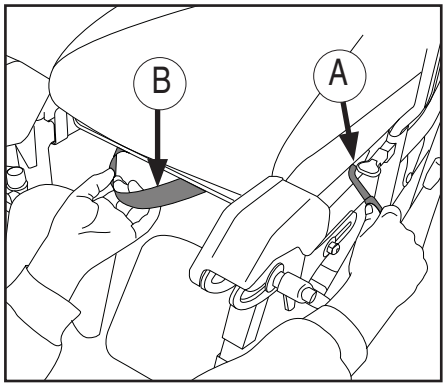


Figure 12

Armrests, remove and replace

Figure 13

- Squeeze in the snap lock (13A) to loosen the back edge of the armrest
- Push up the release handle (13B)
- Lift up the armrest

See page 7 for how to fit the armrests.

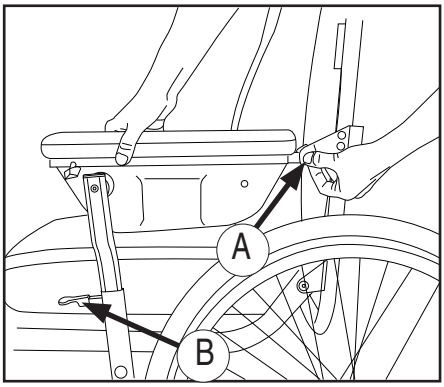


Figure 13

Swing out / fit / remove the leg supports *Figures 14 and 15*

The leg supports can be swung out or in, and are removable for easier transfer and transport. Release the leg support by turning the handle (14A) inwards or outwards so that the leg support is swung.

The entire leg support unit with its fixing can be removed (see page 18).

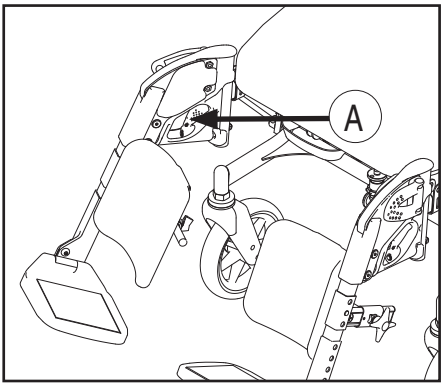


Figure 14

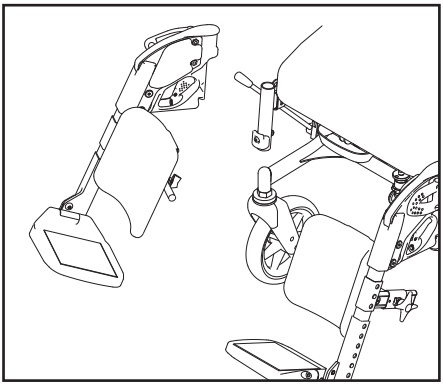


Figure 15

Full footplate (Standard on Cirrus X chairs) *Figure 16*

The full footplate can be split in two and tipped up for transfers. Ensure that the footplates lock in place when you put them back down.

The footplates lock most easily into place if they are angled right in to each other when you put them back down (see figure 16).

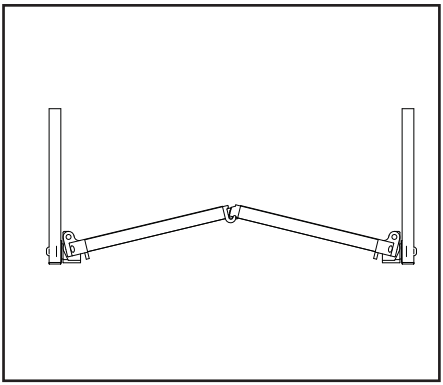


Figure 16

Using the brakes *Figure 17*

Pull the brake lever towards you to lock the brake. The brake locks both driving wheels at the same time.

⚠ The brake is constructed only to keep the chair from moving. Under no circumstances may it be used as a driving brake.

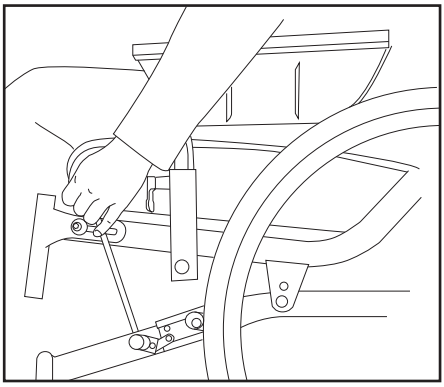


Figure 17

Use of the brakes on Cirrus 4 with the assistant brake (the assistant brake is standard on helper-guided chairs, otherwise is available as an accessory).....

Figure 18

- Squeeze the brake handle (18A) to brake
- Push the release handle (18B) away from you to lock the brake in position when parking. Squeeze it in to unlock the brake

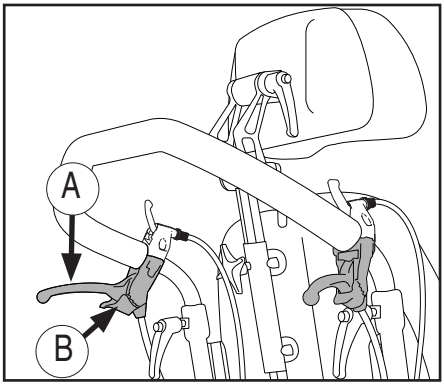


Figure 18

Folding Cirrus 4 for transport

Figure 19

Fold up Cirrus 4 so that it takes up the least space possible during transport.

- Remove the armrests
- Remove the leg supports
- Remove any optional equipment
- Remove the pushing handle and turn it around
- Remove the seat cushion
- Remove the driving wheels
- Fold down the backrest

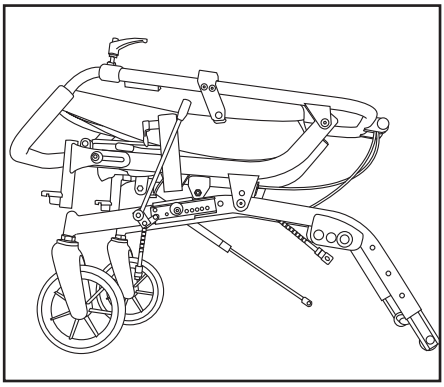


Figure 19

Folding down the backrest

Figure 20

- Move the backrest completely forward
- Pull out the bolts for the pneumatic spring and the adjustment mechanism. Immediately replace the bolts to avoid losing them
- Fold the backrest down completely

⚠ Ensure that the wires lie between the brackets on the inside of the bolt at all times to avoid breaks.

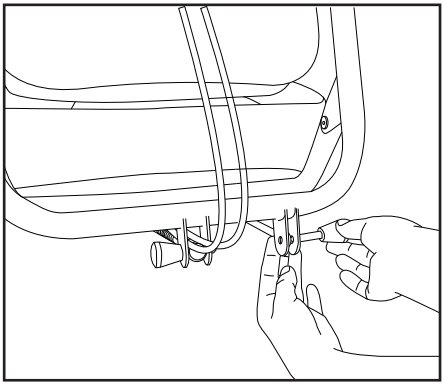


Figure 20

Transfer into and out of the chair

Figures 21, 22 and 23

- Engage the brakes
- Swing out or remove the leg supports
- Tilt the chair forwards
- Use the sliding seat to move the user as far forwards in the chair as possible (see Figure 12, page 9)
- The user can now be transferred out of or into the chair with the help of manual lifting or lifting equipment, or transferred from the front.

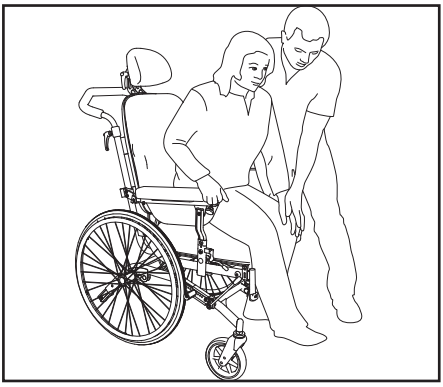


Figure 21

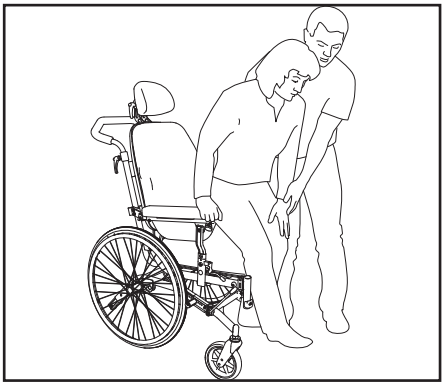


Figure 22

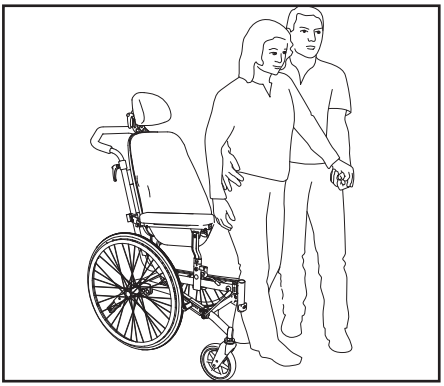


Figure 23

Negotiating obstacles: steps

Figures 24 and 25

When the wheelchair is to be lifted up or down steps with the user in the chair, if at all possible use the recommended lifting points. These are marked on the product. See Figure 26.

Ensure that the pushing handle is locked before you lift.

In order to give the assistants a better lifting position, they can if necessary lift with one assistant on each side of the chair.

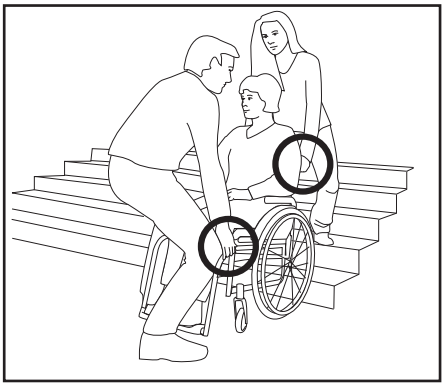


Figure 24

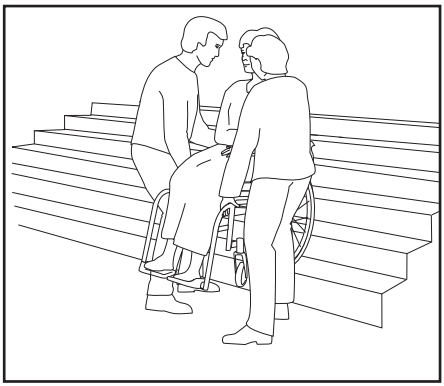


Figure 25

Negotiating obstacles: kerbs

Figure 26

When you need to climb kerbs etc., if necessary push up the anti-tip stabiliser. Then put one foot on the tipping bar, at the same time as controlling the chair with the pushing handle. Tilt the chair backwards if necessary to get sufficient clearance between the obstacle and the leg supports.

Steep terrain

If you frequently use the chair in hilly terrain, we recommend that the assistant brake be installed

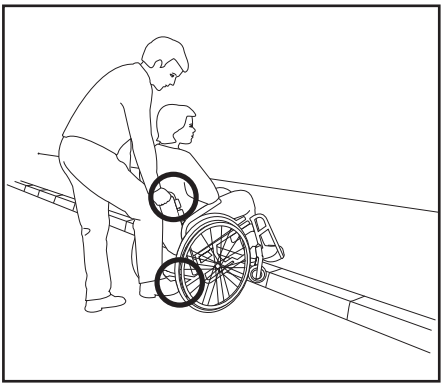


Figure 26

Lifting points *Figure27*

The lifting points are the pushing handle and the frame.

⚠ Ensure that the locking handles on the pushing handle are well tightened before you lift!
Do not use the armrests to lift the wheelchair!

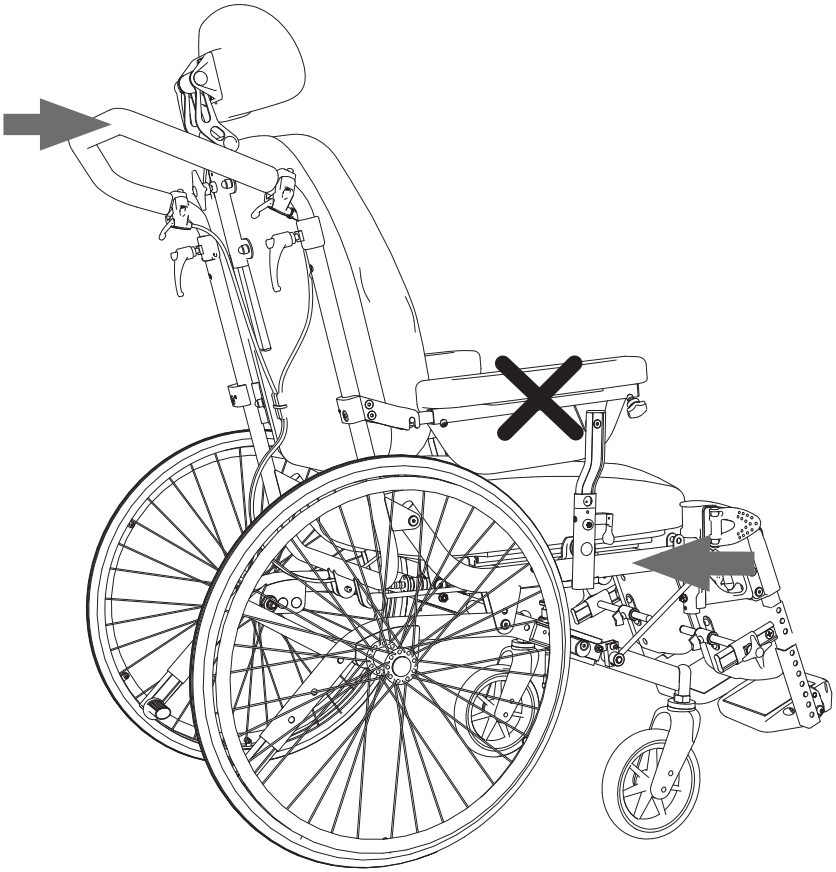


Figure27

Anti-tip stabiliser / tipping bar

Figure 28

Adjust the distance between the anti-tip stabiliser and the base by pressing the snap lock and pulling/pushing the anti-tip stabiliser to the desired position.
Check that the snap lock has locked.
The maximum distance from the end of the anti-tip stabiliser to the base is 35 mm.

The anti-tip stabiliser is as standard equipped with a clearance down to the base which makes it possible to mount doorsteps, etc.

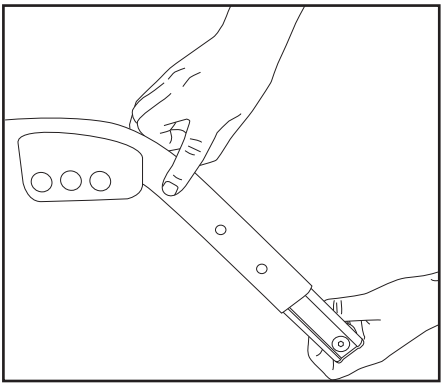


Figure 28

Adjusting the brakes *Figure 29*

If small adjustments are needed to the brakes, it is sufficient to adjust the brake block.

- Loosen the screw (29A) with a 4 mm Allen key
- Twist the brake block until it is the correct distance from the tyre.

In case of larger adjustments, for example when changing wheel type or changing the placement of the driving wheels' position in the wheel frame, you must move the brake block to a new hole in the brake fixing.

- Unscrew the screw (29A), move the brake block and re-tighten the screw

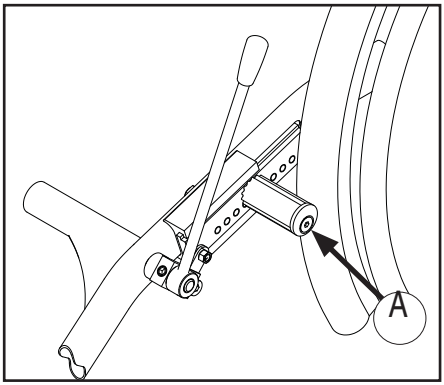


Figure 29

Leg support fixing *Figure 30*

The depth of the leg support fitting can be adjusted or the support can be removed. Loosen the screw (30A) using a 4 mm Allen key. Pull or push the leg support to the desired position. The leg support fitting must not be pulled out more than 8 cm. Re-tighten the screw.

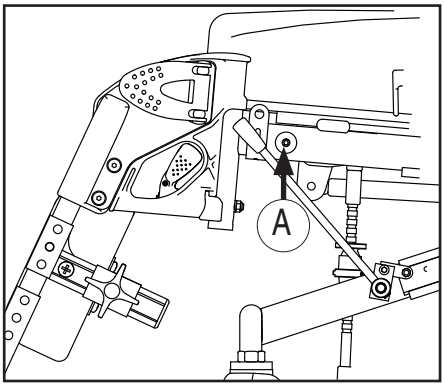


Figure 30

Legrest – angle adjustment

Figure 31

The legrests can be adjusted separately.

- Loosen the locking handle (31A)
- Adjust the legrest to the desired angle, and tighten the handle

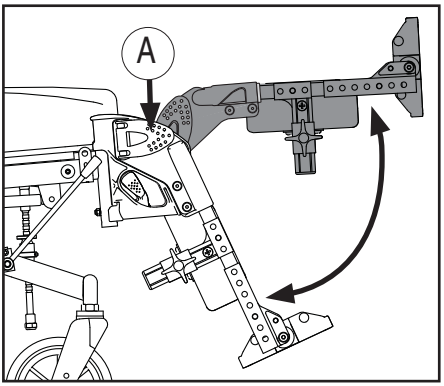


Figure 31

Leg support – length adjustment

Figure 32

- Squeeze in the snap lock (32A) in the square-profile tubing at the same time as pulling or pushing the footplate to the desired length

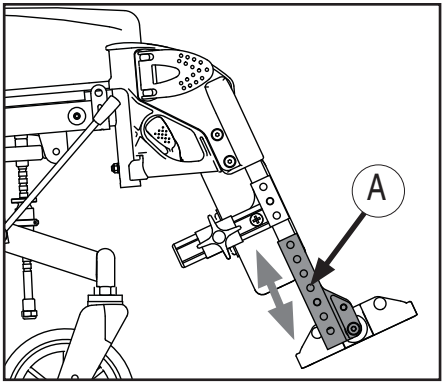


Figure 32

Footplate – angle adjustment

Figure 33

- Loosen the screw (33A) with a 5 mm Allen key. Adjust to the desired angle and re-tighten the screw

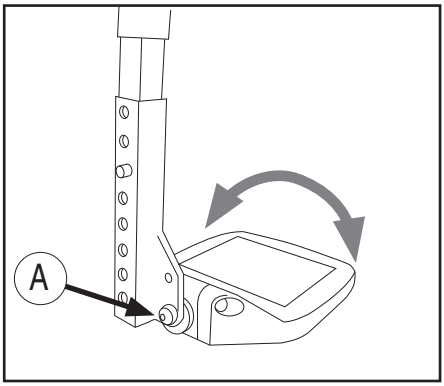


Figure 33

Adjustment of calf supports

Figures 34 and 35

The calf support can be adjusted for height, angle, width and depth.

Height adjustment

- Squeeze in the snap lock (34A) in the square-profile tubing at the same time as pulling or pushing the calf support to the desired height

Depth adjustment

- Loosen the lock wheel (34B). Move the calf support to the desired depth and re-tighten the lock wheel

Angle adjustment

- Loosen the lock wheel (35A). Twist the calf support to the desired angle and re-tighten the lock wheel

Width adjustment

- Loosen the lock wheel (35A). Push/pull the calf support to the desired width and re-tighten the lock wheel

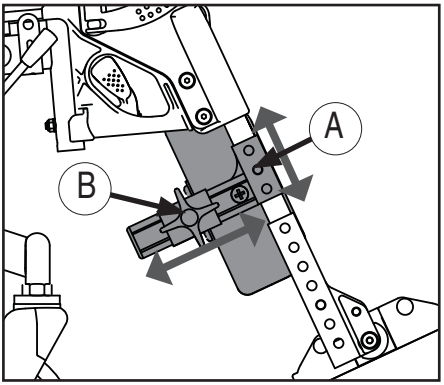


Figure 34

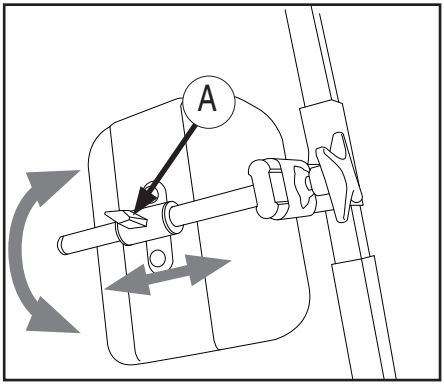


Figure 35

Adjusting the balance point

Figures 36 and 37

The centre of gravity is adjusted by moving the wheel to another position on the wheel fastening. The wheel fastening has three holes. The back holes make the chair most safe with regard to tipping, whereas the front holes make the chair easier to roll.

20” and 22” driving wheels can be placed in any of the three holes, but 24” driving wheels can only be placed in the two backmost holes.

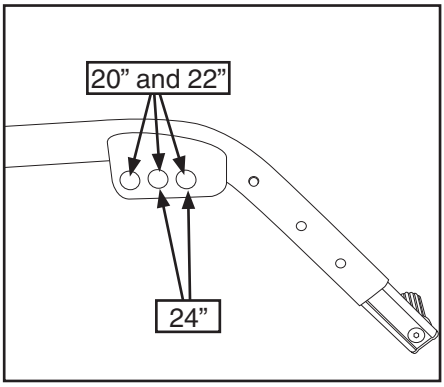


Figure 36

⚠ Always adjust the brakes after you have adjusted the balance point!

- Remove the driving wheel
- Loosen the wheel casing by unscrewing the outward nut (37A) with a 24 mm spanner while restraining the inward nut with a 24 mm spanner
- Move the wheel casing to the desired hole and screw the nut on again
- Put the driving wheel back on

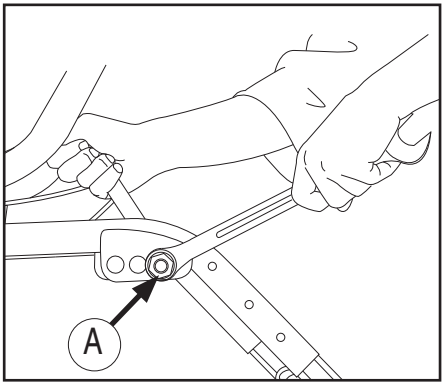


Figure 37

Adjusting the height of the backrest *Figure 38*

The backrest of Cirrus 4 can be raised or lowered.

- Remove the backrest cushion
- Remove the plastic plugs on the screws (38A)
- Loosen the screws on the inside of the backrest shell with a 5 mm Allen key while restraining on the outside with a 10 mm spanner
- Raise or lower the backrest shell to the desired position
- Screw the screws back in again and replace the backrest cushion

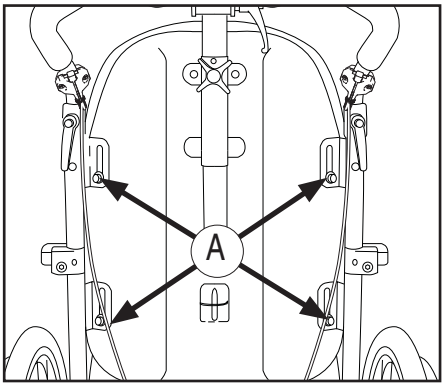


Figure 38

Adjusting the head and neck support (accessory) *Figure 43*

Depth adjustment

- Loosen the locking handles (43A), make the adjustment and tighten the locking handles again

Height adjustment

- Unscrew the locking wheel (43B), raise or lower the neck support and tighten the locking wheel again

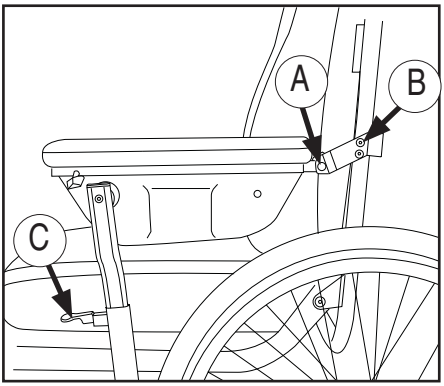


Figure 43

Adjusting the armrest height *Figure 41*

- Loosen the armrest from the hinge which fixes the armrest to the backrest tubing by pressing the snap lock (41A) and pulling the armrest down
- Loosen the hinge by loosening the screws (41B) with a 4 mm Allen key
- Push the armrest hinge up or down to the desired height. Make sure that you do not adjust the armrest hinge so far down that the armrest fouls the driving wheel
- Screw the screws back in again and fix the armrest to the bracket
- Loosen the handle (41C) and adjust the height at the front. Ensure that the handle has locked into place when you have adjusted the armrest height. See below for details of how to set a fixed armrest height.

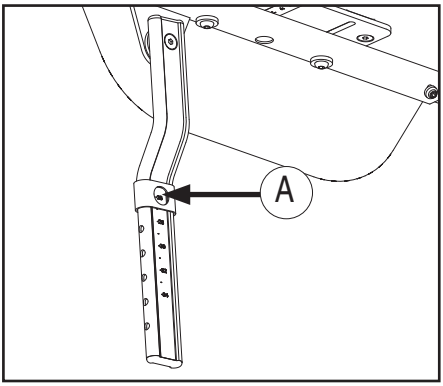


Figure 41

Fixed armrest height *Figure 40*

- The armrest tubing is fitted with a sleeve (40A) which ensures that you get the same armrest height each time, even if you lift, remove or replace the armrest. Adjust the sleeve up or down by loosening it with a 4 mm Allen key.

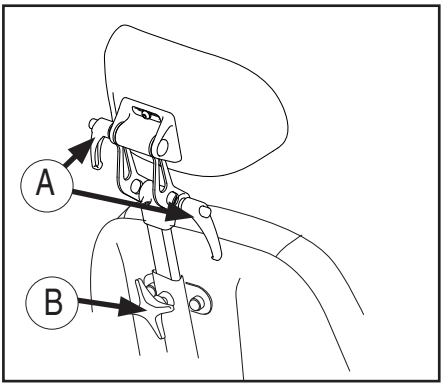


Figure 40

Adjusting the seat width *Figure 42*

The seat width can be adjusted by changing the fixing points of the armrests.

The various Cirrus models can be adjusted to the following seat widths:

Model	Seat width
Cirrus 4 Narrow/Cirrus K	34 - 41 cm
Cirrus 4 Wide	41 - 48 cm
Cirrus 4 X-Wide	48 - 55 cm
Cirrus 4 X 65	60 - 67 cm
Cirrus 4 X 70	65 - 72 cm

- Loosen the screws (A)
- Push the arm rest pad inwards or outwards
- Make the equivalent adjustment on the opposite side and tighten the screws

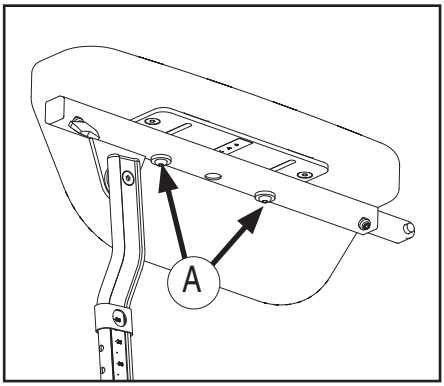


Figure 42

Fitting a positioning belt (accessory) *Figure 43*

Handicare recommend that you fix the positioning belt around the sections of tubing which are shaded grey in the diagram below.

- Check that the hip belt is correctly adapted to the wheelchair user. The belt should lie firmly over the hip at an angle of approx. 45° from the fixing position on the wheelchair.
- Make sure the belt is clean and that the locking mechanism works at all times. The belt and locking mechanism can be cleaned using a damp cloth.

⚠ Placing the belt over the hip, against the soft skin of the stomach, can result in the wrong sitting position and the user sliding forward in the wheelchair.

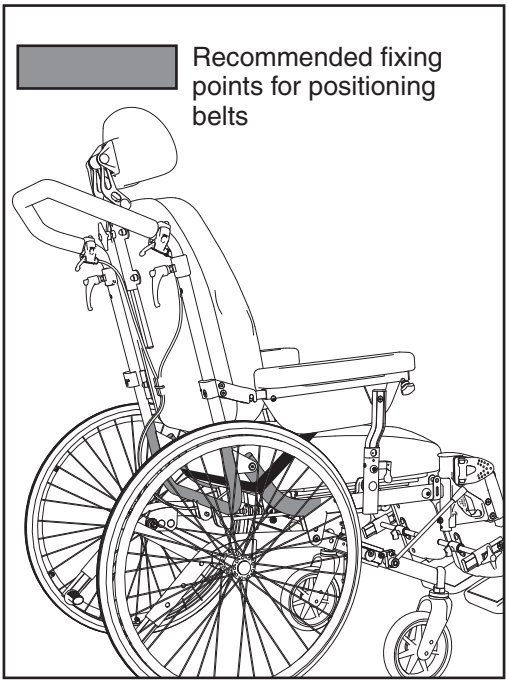


Figure 43

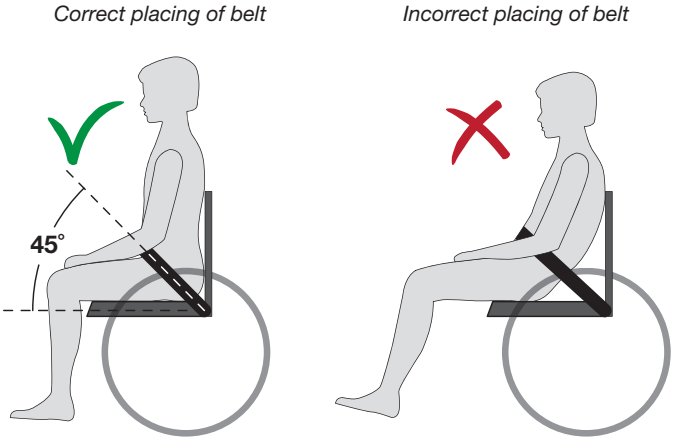


Figure 44

Safety

- Do not stand, or exert great pressure, on the footplates
- A wheelchair should be viewed as a replacement for walking. Users must therefore move among pedestrians, not on roads or streets with motorised traffic. Use reflectors when using the wheelchair outdoors
- When transferring yourself out of the chair, take care to ensure that you are on as stable and even a surface as possible. To ensure that the chair does not move when you don't want it to, check that the brake is engaged and locked
- The maximum user weight for Cirrus 4 is 140 kg (Cirrus 4 X 175 kg).
- You should visually inspect the chair regularly to assure yourself that all screws, bolts and other fixing devices are securely fastened
- When the chair is in use, always ensure that the anti-tip stabiliser is in the correct position
- If any modifications are made to the chair, such as moving the driving wheels or front castor wheels, changing the backrest height etc., this can affect the chair's driving characteristics, balance and tipping point. Exercise particular care when you start to use the chair again
- Avoid making modifications or alterations to the chair which may affect the safety which is built in to the chair's construction
- The use of qualified helpers is recommended when transferring into and out of the chair
- Take care that clothes, baggage and other loose items do not get tangled up in the wheel spokes
- Be aware of the possible danger of crushing injury: avoid putting your fingers between the clothing guard and the wheel, and between the wheel and the brake
- If while using the chair it is necessary to raise the front of the chair to negotiate an obstacle, never do this solely by pressing down on the pushing handles. Step on the tipping bar while using moderate pressure on the pushing handles
- Sitting in the wheelchair for a long period of time increases the danger of pressure sores. If there is a high risk of pressure sores, we recommend the use of a special seat cushion to avoid this

Reflectors *Figure 45*

Use reflectors when using Cirrus 4 outdoors. See Figure 45 for reflector locations.

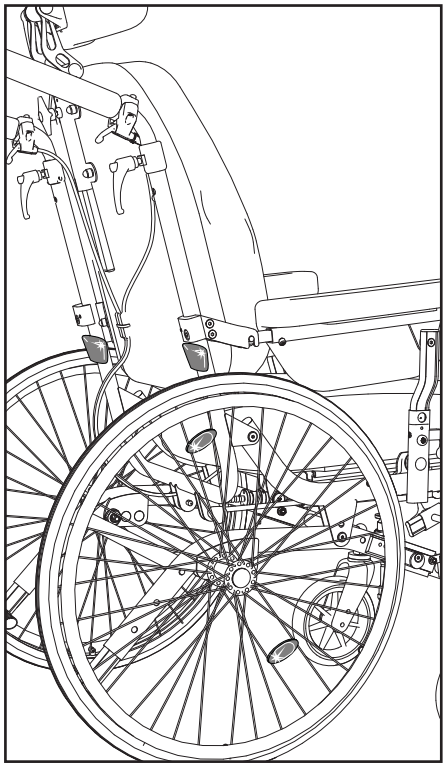


Figure 45

Fastening in a vehicle

Figures 46 and 47

Wheelchair users should transfer to the vehicle seat and use the vehicle-manufacturer-installed restraint systems whenever it is feasible, and the unoccupied wheelchair should be stored in a cargo area or secured in the vehicle during travel.

The wheelchair can be used as a passenger seat in a car and has been tested in accordance with ISO 7671/19.

When the wheelchair is used as a passenger seat it should sit facing forward. The wheelchair must be attached to the fastening system it was tested for; The system is a 4-point fastening system. The system is a total system that fastens both the wheelchair and user to the car. The system requires fastening rails to be mounted in the car.
User restraint system: 3 point shoulder and hip belt.

Cirrus 4 has four points marked out (46) which must be used to strap down the chair.

Figure 46

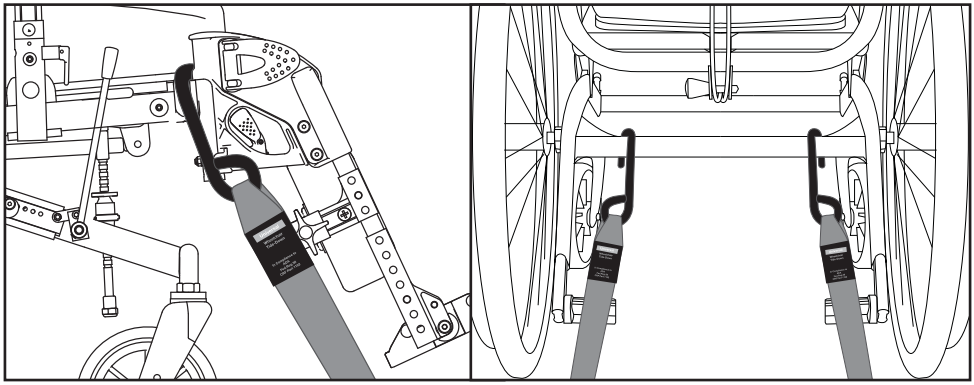


Figure 47

⚠ Handicare takes no responsibility for the use of Cirrus 4 as a passenger seat in a vehicle if any fixing system other than those named above has been used.

⚠ Cirrus X should not be used as a seat in motorised vehicles

Fastening the seat belt:

- The pelvic-belt restraint must be fastened at as steep an angle as possible; between 30° and 75°
- The shoulder-belt restraint is fastened over the shoulder and chest
- The seat belt is fastened as tightly to the body as possible and must not be twisted
- Make sure the belt restraints is not kept away from the body by the wheelchair parts, such as armrests and wheels. For correct positioning, see figure below
- The chair must not be tilted backwards when used as a passenger seat in a car

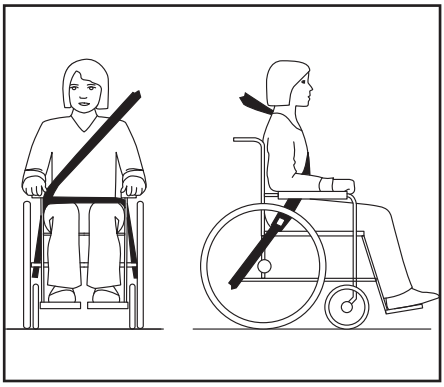


Figure 48

WARNING

a) Where possible, the wheelchair should be in a forward facing direction and secured in accordance with the instructions from the manufacturer of the fastening system.

b) This wheelchair is approved for use in cars and meets the requirements for forward facing transport and head on collisions. The wheelchair has not been tested for other positions in a vehicle.

c) The wheelchair has been dynamically tested in a forward facing direction, with the user secured by both a stomach and chest belt (3-point seat belt)

d) Both the stomach and chest belts should be used to reduce the risk of head and chest injuries in the event of colliding with parts in the car.
e) In order to reduce the risk of injury to the user, tables that are fitted to the wheelchair, which are not designed for crash safety, must be:
   - Removed and secured separately in the vehicle, or
   - Secured to the wheelchair, but with energy-absorbing padding placed between the table and the user
f) Where possible, other wheelchair accessories should be secured to the wheelchair or removed from the chair and secured in the vehicle during transport, so that they don't become loose and cause injury to the user in the event of a collision.
g) Support and positioning equipment must not be regarded as safety equipment/seat belts if they are not labelled in accordance with the requirements of ISO 7176/19-20XX.
h) The wheelchair should in inspected by a representative of the manufacturer before being used again after any kind of collision.
i) No changes or replacements must be made to the anchorage points/car fastenings on the wheelchair, or to constructional elements or parts of the frame without consulting the manufacturer.
j) When using electric wheelchairs in motor vehicles, gel-filled batteries should be used.

Maintenance

The maintenance described in this section can be carried out by the user. Other maintenance work should be carried out by qualified personnel at your local supplier or at the technical aids centre. For information about repairs or service, ask the technical aids centre in your area.

Washing the frame

The frame should be regularly washed with mild soapy water. If the frame is very dirty, a scouring agent may be used. If necessary, the frame can be flushed using a high-pressure jet spray. Try to avoid spraying directly at the ball bearings. Dry the wheelchair thoroughly after washing or when it has been out in the rain. Grease all moving parts if you have used a scouring agent.

Cleaning the seat and backrest covers

The covers can be washed in a washing machine at 60 °C. See the washing instructions on the various textiles.

Conditions which may damage the wheelchair

The chair should not be used in temperatures below –35 °C or over 60°. No requirements are specified in connection with humidity and air pressure. No other requirements are specified for storage.

Screws and nuts

Screws and nuts can loosen over time. Therefore, remember to check and if necessary tighten them at regular intervals. A screw locking agent such as Blue Locktite (no. 243) may be used. If a locking nut has been removed, it loses some of its locking properties and should be replaced.

Lubrication

Moving parts, such as the rails on the sliding seat, should be lubricated as needed.

Driving wheels

The driving wheels are equipped with spokes. These should be adjusted if they begin to work loose. Ask a local bicycle dealer or your nearest technical aids centre.

Quick-release hub for the wheels

The quick-release hub for the driving wheels requires regular inspection. Check that the ball bearings are working satisfactorily. The release bolt and ball bearings should be cleaned and lubricated with oil regularly.

Recommended air pressures

The chair can be supplied with solid or pneumatic wheels.
Find the correct type and size of driving wheel or castor wheel, then read off the recommended maximum air pressure from the table. Note that a high air pressure makes the chair easier to roll, while a lower air pressure gives a softer ride.
For optimal driving characteristics, the air pressure should be checked regularly.

	kPa	Bar	PSI
Driving wheels, pneumatic tyres	350	3,5	50
Driving wheels, high pressure	630	6,3	90
Castor, 6” pneumatic tyres	250	2,5	35
Castor, 8” pneumatic tyres	250	2,5	36

Tools for service and maintenance of the wheelchair

Adjusting:	**Tool(s):**
Bremser	4 mm Allen key
Footplates	5 mm Allen key
Armrest height	4 mm Allen key
Driving wheel position	24 mm spanner (x2)
Backrest height	5 mm Allen key and 10 mm spanner
Seat width	3, 4 and 6 mm Allen keys and No. 3 Philips screwdriver

Inspect after six months, and then every year

- Check that the brake works correctly. Adjust if necessary
- Check that the tyres are in good condition, with no damage to the sidewalls
- See that the chair is clean and that all moving parts work correctly
- Check and if necessary adjust all screwed joints

Repairs

Apart from minor repairs to the paint, changing the tyres or inner tubes, and adjusting the brakes, all repairs must be carried out by qualified personnel at your local supplier or at the technical aids centre.

For information about repairs or service, ask the technical aids centre in your area.

Changing pneumatic tyres

Figure 49

Pneumatic tyres are accessories

Removing the tyre

- Take off the wheel, then deflate the tyre by holding down the small pin in the valve, or by unscrewing the valve out completely
- See that the edge of the tyre is well down in the inward side of the rim (49A)
- Bend the edge of the tyre over the edge of the rim. Use a special tyre lever (49B) if necessary. Ensure that the inner tube does not get squeezed between the lever and the edge of the rim

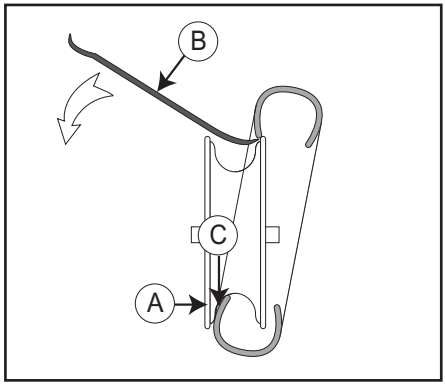


Figure 49

Fitting the tyre

- Put the inner tube into the new tyre and apply an anti-friction agent (tyre fitting agent or soap) to the edge of the tyre (49C)
- See that the edge of the tyre is well down inside the rim on one side. Bend the tyre over the edge. Ensure that the inner tube does not get squeezed
- Inflate the tyre to the correct pressure and fit the wheel to the chair

Technical specifications and measurements

Cirrus 4 is supplied in four different seat widths: narrow, wide, extra wide and Cirrus K. Ask for advice at your dealer or at your nearest technical aids centre if you are unsure whether you have the correct width. (All measurements are in centimetres unless otherwise stated. The stated measurements may vary by +/– 1 cm).

	Narrow model	Wide Model	Extra Wide model	X -65	X -70	Cirrus K
Seat width	34 - 41	41 - 48	48-55	60- 67	65 - 72	34 - 41
Seat height	48 (42-53)	48 (42-53)	48 (42-53)	48 (42-53)	48 (42-53)	38 (38-48)
Seat depth	45 - 60	45 - 60	45 - 60	45 - 60	45 - 60	32 - 43
Backrest height	63-67	63-67	60-64	60-64	60-64	53-57
Backrest angle	75° / 135°	75° / 135°	75° / 135°	75° / 135°	75° / 135°	70° / 132°
Seat angle	-5° / 18°	-5° / 18°	-5° / 18°	-5° / 18°	-5° / 18°	-5° / 15°
Total height	103	105	105	105	105	90 - 97
Total width	Seat width + 20 cm	Seat width + 20 cm	Seat width + 20 cm	Seat width + 20 cm	Seat width + 20 cm	Seat width + 20 cm
Total length	114	114	114	106	106	100
Weight of chair	32,4 kg	33,6 kg	35,5 kg	45	48	26
Transport width	58	65	72	81	86	58
Transport height	67	67	67	67	67	62
Transport weight	15	18	18,7	21	25	27
Max. user weight	140	140	140	175	175	100

Technical specifications

The wheelchair is made of steel and aluminium. The backrest and seat cushions are covered in flame-retardant materials. The front and driving wheels can optionally be supplied with solid or pneumatic tyres.

Under normal use and with prescribed maintenance, the wheelchair's expected lifespan is approximately seven years.

Areas of use

Cirrus 4 is suitable for both indoor and outdoor use. The chair has been developed for people with reduced muscular strength, reduced mobility and reduced stability.

Handling of waste

Waste connected to the packaging or parts of the wheelchair as well as the wheelchair itself can be handled as regular waste. The main parts of the wheelchair are made of steel and aluminium, and can therefore be recycled. Plastic and cardboard from the packaging can be recycled.

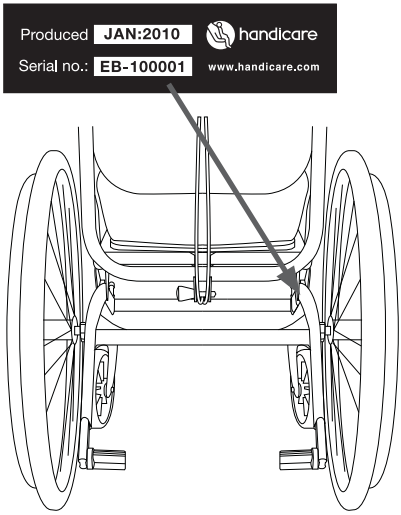
Labelling

Product name

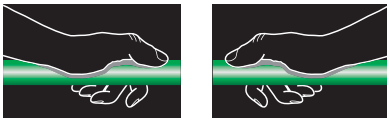
CIRRUS4

CE marking
Seat width
Seat depth
Max. user weight

Year and month of production
Serial number

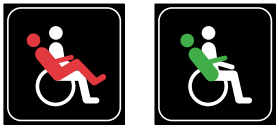


Labelling for lifting points



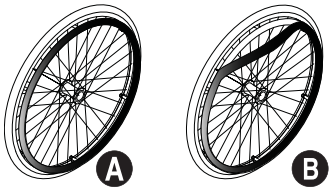
Fixing points for strapping in vehicle

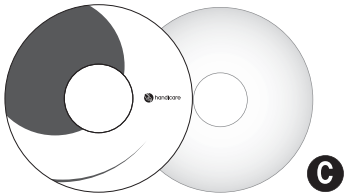
Labelling for handles for backrest and seat angle

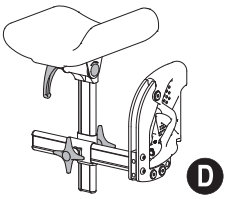


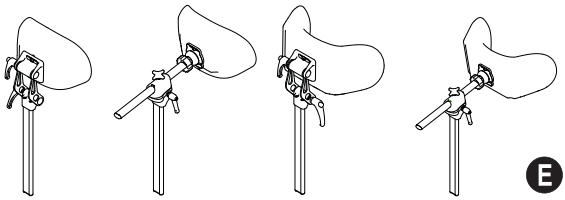
Angle of ascent

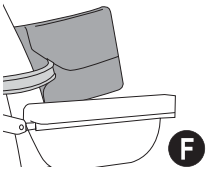
Accessories

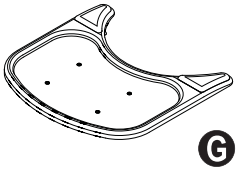


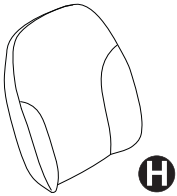


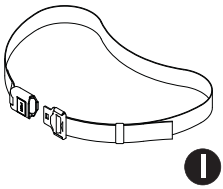


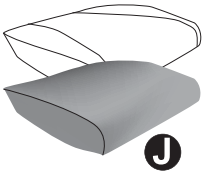


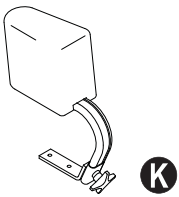












Accessories

Driving wheels and driving wheel fixings

- Driving wheels of various sizes with various tyres – solid, high-pressure and pneumatic
- Friction hand rim Ⓐ
- Friction cover Ⓑ
- Spoke protectors Ⓒ
- Assistant brake
- Transport wheel 12” and 16” with assistant brake

Front castor wheels and fixing

- Fork with 7” wheel (diameter 175 x 33 mm)

Leg supports

- Leg supports, adjustable-angle, can be swung out or in
- Fixed legrest, adjustable to 70°, 80° and 90°
- Complete calf support
- Complete footplate
- Heel cap
- Amputee support Ⓓ

Backrest

- Tilt adjustment lever on pushing handle
- Head and neck support (various types) Ⓔ
- Adapter for backrest (seat depth)
- User adjustment for backrest
- Side supports Ⓕ

Miscellaneous accessories

- Crutch holder
- Table Ⓖ
- Backrest cushion for kyphosis, with extra side support Ⓗ
- Positioning belt Ⓘ
- Incontinence cover Ⓙ
- Abduction block Ⓚ
- Elevated seat for extra seat height

Fitting instructions are supplied with accessories.
Contact your nearest Handicare branch or technical aids centre for accessories and spare parts.

Warranty

Definitions of terms

Definitions of terms used in this warranty:

- Consumable part: Part that is subjected to natural wear and tear or natural contamination during normal operation within the lifetime of the product (section 9 of Handicare's general terms and conditions of sale);
- Client: Those who purchase the product directly from Handicare;
- Corrective action: Repair, replace or refund of the product;
- Dealer: Those who re-sell the product to the User;
- Defect: Any circumstance due to which the product is not sound or fit to use, caused by a lack of quality of the material used to manufacture the product as well as the quality of the manufacturing process;
- Option: An accessory delivered by Handicare to extend the standard product model;
- Product: Product that is delivered according to brochure or contract (e.g. wheelchair, scooter, battery-charger etc.);
- Part: Part of product that can be exchanged or replaced. This can be an option, accessory, service part or consumable part;
- Returns: Product or part that needs to be returned;
- RMA-process: Process to return goods, contact your dealer;
- Service part: Part that is durable and may be subjected to natural wear and tear or natural contamination during normal operation within the lifetime of the product.;
- User: Those who use the product;
- Warranty: The rights and obligations set forth in this document;
- Warranty period: The period of time during which the warranty is valid;
- Warranty provider: Handicare B.V., Vossenbeemd 104, 5705 CL Helmond, The Netherlands.

Notwithstanding the rights and obligations of Handicare, Client and User set forth in Handicare's general terms and conditions of sale, the rights of the Client and/or User towards Handicare in case of defects are limited to the provisions set forth in this warranty. For the duration of the warranty period Handicare guarantees that the product is without defects.
In case of any defects the User is required –within two weeks after discovery of the defect- to contact the dealer. He has to complete a return form and return the product or part via the RMA-process. Handicare will, at its sole discretion, take the corrective action it seems fit under the given circumstances within a reasonable period of time (depends on nature of claim) from receipt of the completed return form. The warranty period will not be extended after a corrective action.

Warranty

Warranty period table

Description	Warranty period	Examples include, but are not limited to the parts mentioned below
Frame	5 years	Weldment/frame
Service Parts	New: 1 year after invoice Repaired: 90 days after invoice	Brakes
Consumable parts	40 days after invoice	Seat- and back textiles, wheels, griphandles etc.
Options/ Accessories	2 years	Headrests, legrests, drum brake etc. Not being service part or consumable part.

Handicare will only accept shipment costs and corrective costs related to warranty on equipment during the warranty period.

This warranty will void in case of:

- The product and/or its parts being modified or items having been added by others than Handicare;
- Changes in cosmetic appearance by use;
- Failure to observe the instructions for use and maintenance, use other than normal use, wear and tear, negligence, collateral damage by neglect of earlier symptoms, overloading, third-party accidents, non-original parts used and defects not caused by the product;
- Circumstances beyond our control (flood, fire, etc.).

This warranty does not cover:

- Tyres and inner tubes
- Batteries (covered by the battery manufacturer's warranty).

Clients and/or Users have legal (statutory) rights under applicable national laws relating to the sale of consumer products. This warranty does not affect statutory rights you may have nor those rights that cannot be excluded or limited, nor rights against the entity from whom the product was purchased. Clients may assert any rights they have at their sole discretion.

Warning: The content of this user manual is only intended as information. This information may be changed without warning and must therefore not be interpreted as an obligation on the part of Handicare. Handicare takes no responsibility, legal or financial, for any errors or inaccuracies which may be found in this user manual. All products described in this user manual are registered trademarks and cannot be utilised in other contexts without the consent of Handicare.

Dealer:

Serial number:

CE

handicare

www.handicare.com